Title (en)

ANALYSING APPARATUS AND METHOD FOR ANALYSIS OF LIQUID SAMPLES

Publication

EP 0264182 A3 19881207 (EN)

Application

EP 87307601 A 19870827

Priority

US 91870486 A 19861014

Abstract (en)

[origin: EP0264182A2] In a chemical analysis apparatus a controlled sample liquid is passed through a non-wetting porous membrane (23) in a diluter assembly (12) from a reservoir of sample liquid to a flowing stream of diluent which is constantly flowing. The sample liquid penetrates the membrane (23) under a positive pressure differential from the sample side of the membrane (23). Control is provided by varying the resistance to flow of the sample liquid, and the pressure on the sample liquid, as it flows through the diluter assembly (12). Passage of the sample liquid through the membrane (23) requires a minimum liquid entry pressure differential across the membrane (23) to cause enough penetration to give a detectable presence of the sample liquid in the diluent stream for analysis by an analytical detector (19).

IPC 1-7

G01N 1/28; G01N 35/00

IPC 8 full level

G01N 1/00 (2006.01); **G01N 1/28** (2006.01); **G01N 1/38** (2006.01); **G01N 35/00** (2006.01); **G01N 35/08** (2006.01)

CPC (source: EP)

G01N 1/38 (2013.01); G01N 35/1095 (2013.01); G01N 2001/381 (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0264182 A2 19880420; **EP 0264182 A3 19881207**; **EP 0264182 B1 19930602**; AT E90158 T1 19930615; AU 601496 B2 19900913; AU 7944187 A 19880421; CA 1309880 C 19921110; DE 3786055 D1 19930708; DE 3786055 T2 19931021; DK 534287 A 19880415; DK 534287 D0 19871013; ES 2040755 T3 19931101; FI 874513 A0 19871013; FI 874513 A 19880415; IL 84162 A0 19880331; IL 84162 A 19920329; JP S63184069 A 19880729; NO 874274 D0 19871013; NO 874274 L 19880415

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